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(54) NUBUCK-TONE ARTIFICIAL LEATHER

(57)Abstract:

PURPOSE: To obtain flexible nubuck-tone artificial leather having excellent wrinkle resistance by impregnating a rubber-like elastic polymer into texture gaps of a fiber sheet containing nonwoven fabric prepared by interlacing extra fine fibers having a specific diameter by melt blow method on the surface and forming a larger amount of distributed rubber-like elastic polymer at the surface zone than at the back side.

CONSTITUTION: A fiber sheet having the surface of the fiber sheet covered with a nonwoven fabric layer prepared by mutually interlacing in a three-dimensional way plural extra fine fibers having 0.1-6 μ m average fiber diameter obtained by melt blow method is impregnated preferably with a solution of PVA sizing agent and dried in such a way that the distributed amount of the sizing agent is larger (preferably ≥ 1.5 , preferably 3.0 times) at the back side than at the surface side. The prepared sheet is impregnated with a solution of a rubber-like elastic material such as polyurethane, which is coagulated in a wet method, the distributed amount of the rubber-like elastic material at the surface zone is larger than ≥ 1.2 , preferably ≥ 1.5 the distributed amount of the rubber-like elastic material at the back zone and extremely fine napped fibers are formed to give artificial leather having handle similar to high-class natural tone or nubuck tone. This leather has excellent flexibility, wrinkle resistance and wear resistance.

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